

WHAT IS CLAIMED IS:

1. A temperature adjusting device for adjusting a temperature of a soldering iron, comprising:

a temperature control section having a moveable member moveable to change an electric parameter as a function of the movement of the moveable member, the temperature control section controlling the temperature of the soldering iron in accordance with the electric parameter;

a manipulation member which is to be detachably coupled to the moveable member to move the moveable member to change the electric parameter; and

an indicator interrelated with the moveable member to indicate an adjusted temperature, the indicator being capable of making the indication even when the manipulation member has been detached from moveable member.

2. A temperature adjusting device according to claim 1, wherein the moveable member is rotatable, and the manipulation member includes a knob which is to be co-rotatably coupled with the moveable member to manually rotate the moveable member.

3. A temperature adjusting device according to claim 2, wherein the indicator includes an indication panel having a temperature scale, a rotary disk located behind the indication panel and rotatable with the moveable member, and a light emitting member mounted on the rotary disk and arranged to indicate the adjusted temperature with reference to the temperature scale.

4. A temperature adjusting device according to claim 3, wherein the light emitting member is a light emitting diode.

5. A temperature adjusting device according to claim 3 wherein the indication panel is slanted from a vertical plane.

6. A temperature adjusting device according to claim 3 wherein the indication panel is formed with a hole, the manipulation member further includes a cylindrical engaging member which is to be inserted through the hole of the indication panel to be co-rotatably coupled with the moveable member, said moveable member being located behind the indication panel to be moved by the cylindrical engaging member.

7. A temperature adjusting device according to claim 6, further comprising a holder for fittingly holding the cylindrical engaging member within the hole of the indication panel.

8. A temperature adjusting device according to claim 3, further comprising a sensor for detecting the temperature of the soldering iron, and wherein said temperature control section further includes a comparator for comparing the output of the sensor with a signal representative of a temperature set as a function the electric parameter determined by the movement of the moveable member, and a feedback circuit for controlling the temperature of the soldering iron in accordance with the comparison by the comparator.

9. A temperature adjusting device according to claim 1 further comprising a housing having a front plane on which an indication panel is located, and opposite side walls each of which is formed with a hole for fixing the housing.

10. A temperature adjusting device according to claim 1 further comprising a housing having a front plane on which an indication panel is located with a hole being formed on the indication panel, and wherein said movable member includes a rotary shaft and a rotary disk integrally coupled with the rotary shaft to co-rotate therewith, said manipulation member includes a knob and a cylindrical engaging member, the hole of the indication panel being capable of accepting the engaging member such that the engaging member can insert into the housing through the hole, the engaging member and the rotary disk having a coupler for co-rotatably coupling them.

11. A temperature adjusting device according to claim 10 wherein said indicator includes a light emitting member mounted on the rotary disk to rotate therewith, a scale formed on the indication panel along the track of the light emitting member, and a transparent window formed on the indication panel such that the light emitting member can be seen therethrough.